

REMARKS

Claims 9 and 24 are now pending in the application. Claim 24 is now added. Claim 9 is now amended. The new claim and the claim amendments are fully supported by the application as filed and do not introduce new subject matter. The Examiner is respectfully requested to reconsider and withdraw the rejections in view of the amendments and remarks contained herein.

REJECTION UNDER 35 U.S.C. § 102

Claims 9 - 12 stand rejected under 35 U.S.C. § 102(b) as being anticipated by JP No. 11-251363 to Hatakeyama Tomoyuki. Claims 9 to 12 stand rejected under 35 U.S.C. § 102(e) as being anticipated by JP No. 2001-223243 to Kurashima Yohei. These rejections are respectfully traversed.

Claims 10-12 have been cancelled. Therefore, this Section 102 rejection is moot with respect to Claims 10-12.

Amended Claim 9 and new Claim 24 each recite in part, and with reference to Figure 6 and paragraphs [0077] and [0078] for exemplary purposes only as the invention includes numerous embodiments, a recessed portion 231d"(235d") formed in a center portion of the electrode 231" (235") before the electrode and the wiring terminal 221 (225) (Figure 3) are conductively connected. The recessed portion is constituted by a dimension corresponding to the width of the wiring terminal.

The Tomoyuki reference appears to disclose, with reference to Figure 4, lands 4 and bumps 3. The bumps 3 fail to include a recessed portion before the bumps are conductively connected to the lands 4.

The Yohei reference appears to disclose, with reference to Figure 1a, a bump 16 and a wiring 22. The bump 16 fails to include a recessed portion before the bump is conductively connected to the wiring 22.

The Tomoyuki and the Yohei references each fail to disclose or suggest a recessed portion formed in a center portion of an electrode before the electrode and the wiring terminal are conductively connected, the recessed portion constituted by a dimension corresponding to the width of the wiring terminal, as set forth in amended Claim 9 and new Claim 24. Therefore, the Tomoyuki and Yohei references each fail to disclose or suggest each and every feature of amended Claim 9 and new Claim 24. Consequently, the Tomoyuki and Yohei references each fail to anticipate or render obvious amended Claim 9 and new Claim 24.

Applicants respectfully request reconsideration and withdrawal of the Section 102 rejection of amended Claim 9.

REJECTION UNDER 35 U.S.C. § 103

Claim 15 stands rejected under 35 U.S.C. § 103(a) as being unpatentable over Tomoyuki in view of Applicants' prior art Figures 10 and 11.

Claim 15 also stands rejected under 35 U.S.C. § 103(a) as being unpatentable over Yohei in view of Applicants' prior art Figures 10 and 11.

Claim 15 is now cancelled. Therefore, the Section 103 rejections are now moot. Applicants respectfully request withdrawal of the Section 103 rejections.

NEW CLAIM

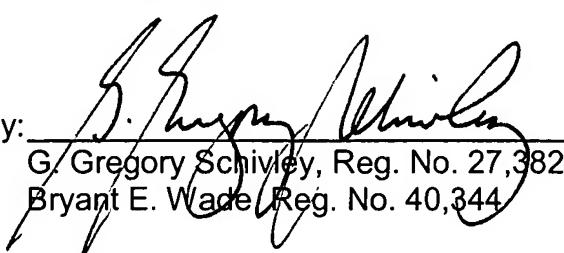
Applicants now add new Claim 24. Claim 24 is supported by the application as originally filed. As set forth above, new Claim 24 is not anticipated or obvious in light of the cited art. Therefore, Applicants respectfully request consideration and allowance of new Claim 24.

CONCLUSION

It is believed that all of the stated grounds of rejection have been properly traversed, accommodated, or rendered moot. Applicants therefore respectfully request that the Examiner reconsider and withdraw all presently outstanding rejections. It is believed that a full and complete response has been made to the outstanding Office Action and the present application is in condition for allowance. Thus, prompt and favorable consideration of this amendment is respectfully requested. If the Examiner believes that personal communication will expedite prosecution of this application, the Examiner is invited to telephone the undersigned at (248) 641-1600.

Respectfully submitted,

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